This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A method of measuring performance of a transaction over a network, the transaction comprising requesting information from an information source connected to the network and interacting with the information source, the method comprising:

recording a transaction between a user machine and the information source;

sending the recorded transaction to a data acquisition agent;

sending a request for information to the information source from ~~a~~ the data acquisition agent connected to the network;

loading data responsive to the request for information onto the data acquisition agent from the information source;

continuing the transaction between the information source and the data acquisition agent by simulating ~~a~~ said transaction previously recorded between ~~a~~ the user machine~~, the user machine not the data acquisition agent,~~ and the information source;

collecting performance measurements by the data acquisition agent for the transaction; and

sending the performance measurements by the data acquisition agent to a storage device.

Claim 2 (canceled)

Claim 3 (original): The method of claim 1 wherein collecting performance measurements comprises collecting download time of the data in response to the request for information.

Claim 4 (original): The method of claim 1 wherein collecting performance measurements comprises collecting number of bytes downloaded for the transaction.

Claim 5 (original): The method of claim 1 wherein collecting performance measurements comprises identifying errors occurring during the transaction.

Claim 6 (original): The method of claim 1 wherein the network is the Internet.

Claim 7 (original): The method of claim 1 wherein the information source is a web server and the request for information comprises requesting a web page.

Claim 8 (original): The method of claim 7 wherein collecting performance measurements comprises collecting download time for each web page downloaded during the transaction.

Claim 9 (original): The method of claim 8 wherein collecting performance measurements comprises collecting download time for individual components within each of the web pages.

Claim 10 (previously presented): The method of claim 38 wherein connecting the data acquisition agent to the network comprises connecting a plurality of data acquisition agents to the network at a plurality of locations.

Claim 11 (original): The method of claim 1 further comprising displaying the performance measurements on a web site.

Claim 12 (previously presented): The method of claim 1 wherein continuing the transaction comprises sending a query from the data acquisition agent to the information source after the data is loaded.

Claim 13 (previously presented): The method of claim 1 wherein continuing the transaction comprises submitting an order from the data acquisition agent to the information source after the data is loaded.

Claim 14 (previously presented): The method of claim 1 wherein continuing the transaction comprises updating state information to link web pages together within a transaction.

Claim 15 (original): The method of claim 14 wherein updating state information comprises searching for a session ID.

Claim 16 (original): The method of claim 14 wherein updating state information comprises searching for text.

Claim 17 (original): The method of claim 14 wherein updating state information comprises searching for a frame.

Claim 18 (original): The method of claim 14 wherein updating state information comprises searching for a URL.

Claim 19 (original): The method of claim 14 wherein updating state information comprises substituting HTML text.

Claim 20 (currently amended): A system for measuring performance of a transaction over a network, the transaction comprising requesting information from a web server connected to the network and interacting with the web server, the system comprising:

a recorder operable to record a transaction between a user machine and the web server;

a data acquisition agent connected to the network and operable to send a request for information to the web server, the agent being configured to execute the transaction with the web server, collect performance measurements for the transaction, and send the performance measurements to a storage device;

wherein the data acquisition agent is configured to receive a previously recorded transaction between a user machine, the user machine not the data acquisition agent, and the web server and utilize the recorded transaction to execute the same transaction with the web server.

Claim 21 (original): The system of claim 20 wherein the data acquisition agent includes a browser embedded within the agent.

Claim 22 (canceled)

Claim 23 (previously presented): The system of claim 21 wherein the data acquisition agent is configured to receive said recorded transaction over the network.

Claim 24 (previously presented): The system of claim 21 wherein the data acquisition agent is configured to receive instructions specifying a plurality of said recorded transactions to execute.

Claim 25 (original): The system of claim 24 wherein the data acquisition agent is configured to repeat execution of said specified transactions until new instructions are received.

Claim 26 (original): The system of claim 20 wherein the performance measurements include a list of errors occurring during the transaction.

Claim 27 (original): The system of claim 20 wherein the performance measurements comprise download time for each web page downloaded during the transaction.

Claim 28 (original): The system of claim 27 wherein the performance measurements comprise download time for individual components within each of the web pages.

Claim 29 (original): The system of claim 20 further comprising a monitoring device for recording when the agent last executed the transaction.

Claim 30 (original): The system of claim 20 wherein the agent is operable to store the collected performance measurements.

Claim 31 (withdrawn): A method of recording a transaction over a network comprising:

starting a recorder;

sending a request for information from a computer to an information source over the network to begin the transaction;

loading a page responsive to the request for information onto the computer;

entering data on the page and sending the data to the information source;

completing the transaction;

stopping the recorder; and

sending the recording of the transaction to a data acquisition agent on the network, the data acquisition agent being operable to play the recording and execute the transaction with the information source and collect performance measurements for the transaction.

Claim 32 (withdrawn): The method of claim 31 wherein the information source is a web server and sending a request for information comprises requesting a web page.

Claim 33 (withdrawn): The method of claim 32 wherein collecting performance measurements comprises collecting download time for each web page downloaded during the transaction.

Claim 34 (withdrawn): The method of claim 32 wherein collecting performance measurements comprises collecting download time for individual components within each of the web pages.

Claim 35 (withdrawn): The method of claim 31 wherein executing the transaction comprises sending a query from the data acquisition agent to the information source after the data is loaded.

Claim 36 (withdrawn): The method of claim 31 wherein executing the transaction comprises submitting an order from the data acquisition agent to the information source after the data is loaded.

Claim 37 (withdrawn): The method of claim 31 wherein sending the recording comprises sending the recording to a plurality of data acquisition agents at different locations within the network.

Claim 38 (previously presented): The method of claim 1 further comprising connecting the data acquisition agent to the network.

Claim 39 (previously presented): The method of claim 1 wherein the data acquisition agent interacts with the information source with a browser.